



Aldrich Polymers

Library Listing – 446 spectra

Subset of Aldrich FT-IR Library related to polymers.

The Aldrich Material-Specific FT-IR Library collection represents a wide variety of the *Aldrich Handbook of Fine Chemicals*' most common chemicals divided by similar functional groups. These spectra were assembled from the Aldrich Collection of FT-IR Spectra and the data has been carefully examined and processed by Thermo.

The molecular formula, CAS (Chemical Abstracts Services) registry number, when known, and the location number of the printed spectrum in *The Aldrich Library of FT-IR Spectra* are available.

Aldrich Polymers

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
1	(ACRYLAMIDOMETHYL) CELLULOSE ACETATE BUTYRATE	37	FOMBLIN Y LVAC 06/6
2	(ACRYLAMIDOMETHYL) CELLULOSE ACETATE PROPIONATE	38	FOMBLIN Y LVAC 14/6
44	2-HYDROXYETHYL CELLULOSE, HYDROPHOBICALLY MODIFIED	39	FOMBLIN Y LVAC 16/6
51	8-METHYL-1-NONANOL PROPOXYLATE-BLOCK- ETHOXYLATE	40	FOMBLIN Y LVAC 25/6
21	BETA- CYCLODEXTRIN/EPICHLOROHYD RIN COPOLYMER	41	HEXADIMETHRINE BROMIDE
4	CARBOXYMETHYL CELLULOSE, SODIUM SALT, ULTRA LOW VISCOSITY	42	HYDROXYBUTYL METHYL CELLULOSE
5	CELLULOSE ACETATE	43	HYDROXYETHYL CELLULOSE
6	CELLULOSE ACETATE	46	HYDROXYPROPYL CELLULOSE
8	CELLULOSE ACETATE BUTYRATE	47	HYDROXYPROPYL CELLULOSE
7	CELLULOSE ACETATE BUTYRATE	45	HYDROXYPROPYL CELLULOSE
9	CELLULOSE ACETATE BUTYRATE	48	HYDROXYPROPYL METHYL CELLULOSE
11	CELLULOSE ACETATE BUTYRATE	49	HYDROXYPROPYL METHYL CELLULOSE PHTHALATE
10	CELLULOSE ACETATE BUTYRATE	50	METHYL 2-HYDROXYETHYL CELLULOSE
12	CELLULOSE ACETATE HYDROGENPHTHALATE	57	NYLON 11
13	CELLULOSE ACETATE PROPIONATE	58	NYLON 12
14	CELLULOSE ACETATE TRIMELLITATE	52	NYLON 6
18	CELLULOSE PROPIONATE	55	NYLON 6/10
17	CELLULOSE PROPIONATE	56	NYLON 6/12
16	CELLULOSE PROPIONATE, LOW MOLECULAR WEIGHT	53	NYLON 6/6
19	CELLULOSE SULFATE, SODIUM SALT	54	NYLON 6/9
20	CELLULOSE TRIACETATE	3	O-(2-AMINOPROPYL)-O'-(2- METHOXYETHYL)POLYPROPYLEN E GLYCOL, AVE. MN CA
15	CELLULOSE, CYANOETHYLATED	59	PARAFORMALDEHYDE, POWDER, 95%
22	ETHYL CELLULOSE	141	POLY((O-CRESYL GLYCIDYL ETHER)-CO- FORMALDEHYDE), AVERAGE MN CA. 870
28	ETHYL CELLULOSE	301	POLY((PHENYL GLYCIDYL ETHER)-CO- DICYCLOPENTADIENE), AVERAGE MN CA. 49
23	ETHYL CELLULOSE	359	POLY(1,1,2-TRIMETHYL-2- PHENYL-1,2- DISILANEDIYL)
26	ETHYL CELLULOSE	155	POLY(1,1-DIMETHYL-3,5- DIMETHYLENEPIPERIDINIUM CHLORIDE), 20 WT % SOLU
24	ETHYL CELLULOSE	117	POLY(1,2-BUTYLENE GLYCOL) MONOBUTYL ETHER, AVERAGE MN CA. 1,500
25	ETHYL CELLULOSE	116	POLY(1,4-BUTYLENE ADIPATE), AVERAGE MW CA. 12,000
27	ETHYL CELLULOSE	118	POLY(1,4-BUTYLENE TEREPHTHALATE)
31	ETHYLENE GLYCOL BIS(PENTAKIS(GLYCIDYL ALLYL ETHER)) ETHER, HYDROXY TE	142	POLY(1,4- CYCLOHEXANEDIMETHYLENE SUCCINATE)
32	ETHYLENE GLYCOL BIS(PROPYLENE GLYCOL-B- ETHYLENE GLYCOL) ETHER	299	POLY(1,4-PHENYLENE ETHER- SULFONE), HIGH MOLECULAR WEIGHT
29	ETHYLENEDIAMINE TETRAKIS(ETHOXYLATE-BLOCK- PROPOXYLATE) TETROL	298	POLY(1,4-PHENYLENE ETHER- SULFONE), MELT INDEX 75
30	ETHYLENEDIAMINE TETRAKIS(PROPOXYLATE- BLOCK- ETHOXYLATE) TETROL	300	POLY(1,4-PHENYLENE SULFIDE)
36	FOMBLIN Y HVAC 140/13	135	POLY(1-(4-(3-CARBOXY-4- HYDROXYPHENYLAZO)- BENZENESULFONAMIDO)-1,2-ETH
33	FOMBLIN Y HVAC 18/8		
34	FOMBLIN Y HVAC 25/9		
35	FOMBLIN Y HVAC 40/11		

ThermoFisher
SCIENTIFIC

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

Aldrich Polymers

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
111	POLY(1-BUTENE), ISOTACTIC, AVERAGE MW CA. 185,000	416	POLY(2-VINYLPYRIDINE), AVERAGE MV CA. 40,000
113	POLY(1-BUTENE), ISOTACTIC, AVERAGE MW CA. 570,000	415	POLY(2-VINYLPYRIDINE), AVERAGE MW CA. 40,000
112	POLY(1-BUTENE), ISOTACTIC, MEDIUM MOLECULAR WEIGHT	420	POLY(2-VINYLPYRIDINE-CO-STYRENE), AVERAGE MW CA. 220,000
430	POLY(1-VINYLPYRROLIDONE)-GRAFT- (1-HEXADECENE)	87	POLY(3,3',4,4'-BENZOPHENONETETRACARBOXYLIC DIANHYDRIDE-CO-4,4'-OYXDIA
429	POLY(1-VINYLPYRROLIDONE-CO-2-DIMETHYL- AMINOETHYL METHACRYLATE), QUAT	90	POLY(3,3',4,4'-BIPHENYLTETRACARBOXYLIC DIANHYDRIDE-CO-1,4-PHENYLENEDI
428	POLY(1-VINYLPYRROLIDONE-CO-ACRYLIC ACID), VP/AA RATIO 75:25 (WT. %)	147	POLY(3,3'-DIAMINOBENZOPHENONE-CO-3,3',4,4'-BENZOPHENONETETRACARBOXYLI
432	POLY(1-VINYLPYRROLIDONE-CO-STYRENE), 40 WT. % SOLUTION IN WATER	236	POLY(3-HEXYLTHIOPHENE), REGIOREGULAR
433	POLY(1-VINYLPYRROLIDONE-CO-VINYL ACETATE)	239	POLY(3-HYDROXYBUTYRIC ACID-CO-3-HYDROXYVALERIC ACID), NATURAL ORIGIN,
158	POLY(2,2-DIMETHYL-1,3-PROPYLENE SUCCINATE), AVERAGE MW CA. 16,000	240	POLY(3-HYDROXYBUTYRIC ACID-CO-3-HYDROXYVALERIC ACID), NATURAL ORIGIN,
91	POLY(2,6-BIS(HYDROXYMETHYL)-4-METHYLPHENOL-CO-4-HYDROXYBENZOIC ACID)	241	POLY(3-HYDROXYBUTYRIC ACID-CO-3-HYDROXYVALERIC ACID), NATURAL ORIGIN,
157	POLY(2,6-DIMETHYL-1,4-PHENYLENE OXIDE)	237	POLY(3-HYDROXYBUTYRIC ACID-CO-3-HYDROXYVALERIC ACID), NATURAL ORIGIN,
156	POLY(2,6-DIMETHYL-1,4-PHENYLENE OXIDE), SECONDARY STANDARD	238	POLY(3-HYDROXYBUTYRIC ACID-CO-3-HYDROXYVALERIC ACID), NATURAL ORIGIN,
88	POLY(2-(4-BENZOYL-3-HYDROXYPHENOXY)ETHYL ACRYLATE)	96	POLY(4-BROMOSTYRENE), AVERAGE MW CA. 65,000
64	POLY(2-ACRYLAMIDO-2-METHYL-1-PROPANESULFONIC ACID-CO-STYRENE)	137	POLY(4-CHLOROSTYRENE), AVERAGE MW CA. 250,000
134	POLY(2-CARBOXYETHYL) ACRYLATE, AVERAGE MW CA. 170	257	POLY(4-ISOPROPYLSTYRENE)
224	POLY(2-ETHYLHEXYL ACRYLATE), SECONDARY STANDARD	265	POLY(4-METHOXYSTYRENE)
225	POLY(2-ETHYLHEXYL ACRYLATE), SOLUTION IN TOLUENE, AVERAGE MW CA. 92,0	274	POLY(4-METHYL-1-PENTENE), HIGH MOLECULAR WEIGHT
226	POLY(2-ETHYLHEXYL METHACRYLATE), SOLUTION IN TOLUENE, AVERAGE MW CA.	273	POLY(4-METHYL-1-PENTENE), LOW MOLECULAR WEIGHT
242	POLY(2-HYDROXYETHYL METHACRYLATE), AVERAGE MV CA. 300,000	279	POLY(4-METHYLSTYRENE), AVERAGE MW CA. 72,000
243	POLY(2-HYDROXYPROPYL METHACRYLATE)	124	POLY(4-TERT-BUTYLSTYRENE)
275	POLY(2-METHYL-1,3-PROPYLENE GLUTARATE), HYDROXY TERMINATED, MN CA. 2,	383	POLY(4-VINYLBIPHENYL), AVERAGE MW CA. 115,000
411	POLY(2-VINYLNAPHTHALENE), AVERAGE MW CA. 100,000	413	POLY(4-VINYLPHENOL), AVERAGE MW CA. 20,000
417	POLY(2-VINYLPYRIDINE), AVERAGE MV CA. 200,000	418	POLY(4-VINYLPYRIDINE), 2% CROSS-LINKED
		419	POLY(4-VINYLPYRIDINE-CO-BUTYL METHACRYLATE)
		421	POLY(4-VINYLPYRIDINE-CO-STYRENE)

ThermoFisher
SCIENTIFIC

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

Aldrich Polymers

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
422	POLY(4-VINYLPYRIDINIUM DICHROMATE), CROSS-LINKED	84	POLY(ALLYLAMINE HYDROCHLORIDE), AVERAGE MW CA. 70,000
391	POLY(9-VINYLCARBAZOLE), AVERAGE MW CA. 1,100,000	276	POLY(ALPHA-METHYLSTYRENE), AVERAGE MN 685
390	POLY(9-VINYLCARBAZOLE), SECONDARY STANDARD	277	POLY(ALPHA-METHYLSTYRENE), AVERAGE MN 790
62	POLY(ACRYLAMIDE-CO-ACRYLIC ACID), 1.5 WT. % ACRYLIC ACID	278	POLY(ALPHA-METHYLSTYRENE), AVERAGE MN CA. 4,000
63	POLY(ACRYLAMIDE-CO-ACRYLIC ACID), 10 WT. % ACRYLAMIDE	85	POLY(ANETHOLESULFONIC ACID, SODIUM SALT)
65	POLY(ACRYLIC ACID), AVERAGE MV CA. 450,000	89	POLY(BENZYL METHACRYLATE), AVERAGE MW CA. 70,000
67	POLY(ACRYLIC ACID), AVERAGE MW CA. 1,250,000	93	POLY(BISPHENOL A CARBONATE), AVERAGE MW CA. 64,000
68	POLY(ACRYLIC ACID), AVERAGE MW CA. 3,000,000	92	POLY(BISPHENOL A CARBONATE), SECONDARY STANDARD
69	POLY(ACRYLIC ACID), AVERAGE MW CA. 4,000,000	94	POLY(BISPHENOL A-CO-EPICHLOROHYDRIN), AVERAGE MW CA. 40,000
66	POLY(ACRYLIC ACID), AVERAGE MW CA. 750,000	95	POLY(BISPHENOL A-CO-EPICHLOROHYDRIN), HIGH MOLECULAR WEIGHT
72	POLY(ACRYLIC ACID), SODIUM SALT-GRAFT- POLY(ETHYLENE OXIDE), CROSS-LI	99	POLY(BUTADIENE)
70	POLY(ACRYLIC ACID, AMMONIUM SALT)	101	POLY(BUTADIENE-CO-ACRYLONITRILE) DIOL
71	POLY(ACRYLIC ACID-CO-ACRYLAMIDE), POTASSIUM SALT, CROSS-LINKED	114	POLY(BUTYL ACRYLATE), SECONDARY STANDARD, SOLUTION IN TOLUENE
74	POLY(ACRYLONITRILE-CO-BUTADIENE), 19-22 WT. % ACRYLONITRILE	115	POLY(BUTYL ACRYLATE), SOLUTION IN TOLUENE, AVERAGE MW CA. 99,000
75	POLY(ACRYLONITRILE-CO-BUTADIENE), 30-35 WT. % ACRYLONITRILE	120	POLY(BUTYL METHACRYLATE), AVERAGE MW CA. 337,000
77	POLY(ACRYLONITRILE-CO-BUTADIENE), AMINE TERMINATED, 10 WT. % ACRYLONI	119	POLY(BUTYL METHACRYLATE), SECONDARY STANDARD
76	POLY(ACRYLONITRILE-CO-BUTADIENE), AMINE TERMINATED, 18 WT. % ACRYLONI	122	POLY(BUTYL METHACRYLATE-CO-ISOBUTYL METH- ACRYLATE), AVE. MW CA. 354,
78	POLY(ACRYLONITRILE-CO-BUTADIENE), DICARBOXY TERMINATED, AVERAGE MN 3,	123	POLY(BUTYL METHACRYLATE-CO-METHYL METHACRYLATE, AVERAGE MW CA. 100,00
79	POLY(ACRYLONITRILE-CO-BUTADIENE), DICARBOXY TERMINATED, AVERAGE MN 3,	133	POLY(CARBONATE URETHANE), HARD
80	POLY(ACRYLONITRILE-CO-BUTADIENE), HYDROGENATED	132	POLY(CARBONATE URETHANE), MEDIUM HARD
81	POLY(ACRYLONITRILE-CO-BUTADIENE-CO-ACRYLIC ACID), DICARBOXY TERMINAT,	131	POLY(CARBONATE URETHANE), SOFT
82	POLY(ACRYLONITRILE-CO-BUTADIENE-CO-ACRYLIC ACID), DICARBOXY TERMINATE	138	POLY(CHLOROSTYRENE), MIXTURE OF 2- AND 4- ISOMERS
83	POLY(ALLYLAMINE HYDROCHLORIDE), AVERAGE MW CA. 15,000	139	POLY(CHLOROSTYRENE), MIXTURE OF 2- AND 4- ISOMERS
		140	POLY(COUMARONE-CO-INDENE), AVERAGE MN CA. 735
		143	POLY(CYCLOHEXYL METHACRYLATE), AVERAGE MW CA. 65,000
		144	POLY(CYCLOHEXYL METHACRYLATE), CROSS-LINKED

ThermoFisher
S C I E N T I F I C

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.



Aldrich Polymers

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
145	POLY(DIALLYL ISOPHTHALATE), AVERAGE MN CA. 5,000	227	POLY(ETHYL METHACRYLATE), AVERAGE MW CA. 515,000
146	POLY(DIALLYL PHTHALATE), AVERAGE MW CA. 65,000 (GPC)	228	POLY(ETHYL METHACRYLATE- CO-METHYL ACRYLATE), AVERAGE MW CA. 100,000
154	POLY(DIMER ACID-CO-1,6- HEXANEDIOL-CO- ADIPIC ACID), HYDROGENATED	229	POLY(ETHYL VINYL ETHER)
149	POLY(DIMER ACID-CO-ALKYL POLYAMINE), SOFTENING POINT 130	192	POLY(ETHYLENE GLYCOL) BIS(2- ETHYLHEXANOATE)
150	POLY(DIMER ACID-CO-ALKYL POLYAMINE), SOFTENING POINT 140	193	POLY(ETHYLENE GLYCOL) BUTYL ETHER, AVERAGE MN CA. 206
151	POLY(DIMER ACID-CO-ALKYL POLYAMINE), SOFTENING POINT 160	194	POLY(ETHYLENE GLYCOL) DISTEARATE, AVERAGE MN CA. 930
152	POLY(DIMER ACID-CO-ALKYL POLYAMINE), SOFTENING POINT 200	198	POLY(ETHYLENE GLYCOL) METHYL ETHER, AVERAGE MN CA. 2,000
148	POLY(DIMER ACID-CO-ALKYL POLYAMINE), SOFTENING POINT 95	195	POLY(ETHYLENE GLYCOL) METHYL ETHER, AVERAGE MN CA. 350
153	POLY(DIMER ACID-CO-ETHYLENE GLYCOL), HYDROGENATED	199	POLY(ETHYLENE GLYCOL) METHYL ETHER, AVERAGE MN CA. 5,000
161	POLY(DIMETHYLSILOXANE), 200 FLUID, VISCOSITY 5 CENTISTOKES	196	POLY(ETHYLENE GLYCOL) METHYL ETHER, AVERAGE MN CA. 550
162	POLY(DIMETHYLSILOXANE), 200 FLUID, VISCOSITY 60,000 CENTISTOKES	197	POLY(ETHYLENE GLYCOL) METHYL ETHER, AVERAGE MN CA. 750
163	POLY(DIMETHYLSILOXANE), BIS(12-HYDROXYSTEARATE) TERMINATED	191	POLY(ETHYLENE GLYCOL), AVERAGE M.W. 14,000
165	POLY(DIMETHYLSILOXANE), DISTEARATE TERMINATED	187	POLY(ETHYLENE GLYCOL), AVERAGE MN CA. 1,500
159	POLY(DIMETHYLSILOXANE), SECONDARY STANDARD	190	POLY(ETHYLENE GLYCOL), AVERAGE MN CA. 10,000
160	POLY(DIMETHYLSILOXANE), SECONDARY STANDARD MOLECULAR WEIGHT SERIES	183	POLY(ETHYLENE GLYCOL), AVERAGE MN CA. 200
164	POLY(DIMETHYLSILOXANE-CO- DIMER ACID), BIS(PERFLUORODODECYL) TERMINATE	188	POLY(ETHYLENE GLYCOL), AVERAGE MN CA. 3,400
166	POLY(DIMETHYLSILOXANE-CO- METHYL(3-HRDROXY- PROPYL)SILOXANE)-GRAFT-POLY	184	POLY(ETHYLENE GLYCOL), AVERAGE MN CA. 300
167	POLY(DIMETHYLSILOXANE-CO- METHYL(3- HYDROXYPROPYL)SILOXANE)- GRAFT-POLY(185	POLY(ETHYLENE GLYCOL), AVERAGE MN CA. 400
168	POLY(DIPHENOXYPHOSPHAZENE)	186	POLY(ETHYLENE GLYCOL), AVERAGE MN CA. 600
169	POLY(DIPROPYLENE GLYCOL) PHENYL PHOSPHITE	189	POLY(ETHYLENE GLYCOL), AVERAGE MN CA. 8,000
172	POLY(ETHYL ACRYLATE), SECONDARY STANDARD, SOLUTION IN TOLUENE	203	POLY(ETHYLENE GLYCOL), REACTED WITH BISPENOL A DIGLYCIDYL ETHER
173	POLY(ETHYL ACRYLATE), SOLUTION IN TOLUENE, AVERAGE MW CA. 95,000	200	POLY(ETHYLENE GLYCOL)- BLOCK-POLY(PROPYLENE GLYCOL)-BLOCK-POLY(ETHYLEN
		202	POLY(ETHYLENE GLYCOL-CO- PROPYLENE GLYCOL) MONOBUTYL ETHER, AVERAGE MN
		201	POLY(ETHYLENE GLYCOL-CO- PROPYLENE GLYCOL) MONOBUTYL ETHER, AVERAGE MN

ThermoFisher
SCIENTIFIC

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

Aldrich Polymers

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
206	POLY(ETHYLENE OXIDE), MV CA. 100,000	245	POLY(ISOBUTYL ACRYLATE), SECONDARY STANDARD, SOLUTION IN TOLUENE
207	POLY(ETHYLENE OXIDE), MV CA. 200,000	251	POLY(ISOBUTYL METHACRYLATE), AVERAGE MW CA. 70,000
208	POLY(ETHYLENE OXIDE), MV CA. 300,000	250	POLY(ISOBUTYL METHACRYLATE), SECONDARY STANDARD
210	POLY(ETHYLENE OXIDE), MV CA. 5,000,000	252	POLY(ISOBUTYL VINYL ETHER), AVERAGE MW CA. 600,000
209	POLY(ETHYLENE OXIDE), MV CA. 600,000	253	POLY(ISODECYL METHACRYLATE), SOLUTION IN TOLUENE, AVERAGE MW CA. 165,
216	POLY(ETHYLENE SUCCINATE)	256	POLY(ISOPROPYL METHACRYLATE), AVERAGE MW CA. 100,000
217	POLY(ETHYLENE TEREPHTHALATE)	258	POLY(LAURYL METHACRYLATE), SECONDARY STANDARD, SOLUTION IN TOLUENE
204	POLY(ETHYLENE-ALT-MALEIC ANHYDRIDE)	259	POLY(MALEIC ANHYDRIDE-ALT-1-OCTADECENE)
177	POLY(ETHYLENE-CO-BUTYL ACRYLATE-CO-MALEIC ANHYDRIDE)	261	POLY(MALEIC ANHYDRIDE-ALT-1-TETRADECENE)
181	POLY(ETHYLENE-CO-ETHYL ACRYLATE), MELT INDEX 20	260	POLY(MALEIC ANHYDRIDE-ALT-ALPHA-OLEFIN, C24-C28)
182	POLY(ETHYLENE-CO-ETHYL ACRYLATE), MELT INDEX 6	262	POLY(MELAMINE-CO-FORMALDEHYDE), BUTYLATED, 95 WT. % IN 1-BUTANOL
205	POLY(ETHYLENE-CO-METHACRYLIC ACID), SODIUM SALT, MELT INDEX 2.8	263	POLY(MELAMINE-CO-FORMALDEHYDE), METHYLATED
213	POLY(ETHYLENE-CO-PROPYLENE)	264	POLY(MELAMINE-CO-FORMALDEHYDE), METHYLATED/BUTYLATED (55/45)
214	POLY(ETHYLENE-CO-PROPYLENE-CO-5-METHYLENE-2-NORBORNENE), 50 WT. % ETH	266	POLY(METHYL ACRYLATE), SECONDARY STANDARD, SOLUTION IN TOLUENE
215	POLY(ETHYLENE-CO-PROPYLENE-CO-5-METHYLENE-2-NORBORNENE), 70 WT. % ETH	267	POLY(METHYL ACRYLATE), SOLUTION IN TOLUENE, AVERAGE MW CA. 40,000
218	POLY(ETHYLENE-CO-VINYL ACETATE), 14 WT. % VINYL ACETATE	270	POLY(METHYL METHACRYLATE), AVERAGE M.W. 120,000
219	POLY(ETHYLENE-CO-VINYL ACETATE), 25 WT. % VINYL ACETATE, AVE MW CA. 1	269	POLY(METHYL METHACRYLATE), AVERAGE MW CA. 15,000
220	POLY(ETHYLENE-CO-VINYL ACETATE), 33 WT. % VINYL ACETATE	271	POLY(METHYL METHACRYLATE), AVERAGE MW CA. 996,000
221	POLY(ETHYLENE-CO-VINYL ACETATE), 40 WT. % VINYL ACETATE	268	POLY(METHYL METHACRYLATE), SECONDARY STANDARD
230	POLY(GLYCIDYL 3-(PENTADECADIENYL)PHENYL ETHER-CO-FORMALDEHYDE)	272	POLY(METHYL METHACRYLATE-CO-ETHYL ACRYLATE), AVERAGE MW CA. 101,000
232	POLY(HEXADECYL METHACRYLATE), SOLUTION IN TOLUENE, AVERAGE MW CA. 200	281	POLY(METHYL VINYL ETHER), 50 WT. % SOLUTION IN WATER
234	POLY(HEXAMETHYLENE SEBACATE)	283	POLY(METHYL VINYL ETHER-ALT-MALEIC ACID MONOBUTYL ESTER), 50 WT.% IN E
235	POLY(HEXYL METHACRYLATE), SOLUTION IN TOLUENE, AVE MW CA. 400,000	285	POLY(METHYL VINYL ETHER-ALT-MALEIC ACID MONOETHYL ESTER), 50 WT % IN
244	POLY(ISOBORNYL METHACRYLATE), AVERAGE MW CA. 554,000		

Aldrich Polymers

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
284	POLY(METHYL VINYL ETHER-ALT-MALEIC ACID MONOETHYL ESTER), 50 WT. % IN	306	POLY(PROPYLENE GLYCOL), AVERAGE MN CA. 725
282	POLY(METHYL VINYL ETHER-ALT-MALEIC ACID), AVERAGE MW CA. 216,000	312	POLY(PROPYLENE GLYCOL)-BLOCK-POLY(ETHYLENE GLYCOL)-BLOCK-POLY(PROPYL
289	POLY(METHYL VINYL ETHER-ALT-MALEIC ANHYDRIDE), AVE MW CA. 1,980,000	313	POLY(PROPYLENE OXIDE), BIS(DIMETHOXYMETHYLSILYL) TERMINATED
287	POLY(METHYL VINYL ETHER-ALT-MALEIC ANHYDRIDE), AVERAGE MW CA. 1,080,0	314	POLY(PYROMELLITIC DIANHYDRIDE-CO-4,4'-OXYDIANILINE), AMIC ACID (SOLU
288	POLY(METHYL VINYL ETHER-ALT-MALEIC ANHYDRIDE), AVERAGE MW CA. 1,250,0	315	POLY(SODIUM 4-STYRENESULFONATE), AVERAGE M.W. CA. 70,000
290	POLY(METHYL VINYL ETHER-ALT-MALEIC ANHYDRIDE), AVERAGE MW CA. 2,400,0	319	POLY(STYRENE) STANDARD, TYPICAL MW 9,000
286	POLY(METHYL VINYL ETHER-ALT-MALEIC ANHYDRIDE), AVERAGE MW CA. 216,000	342	POLY(STYRENE-ALT-MALEIC ANHYDRIDE), AVERAGE MW CA. 350,000
297	POLY(N,N'-(1,4-PHENYLENE)-3,3',4,4'-BENZOPHENONETETRACARBOXYLIC IMIDE	328	POLY(STYRENE-CO-ACRYLONITRILE), 25 WT. % ACRYLONITRILE, AVERAGE MW CA
291	POLY(NEOPENTYL GLYCOL ADIPATE), ISOPHORONE DIISOCYANATE TERMINATED, 7	329	POLY(STYRENE-CO-ACRYLONITRILE), 30 WT. % ACRYLONITRILE, AVERAGE MW CA
292	POLY(NEOPENTYL GLYCOL SEBACATE)	330	POLY(STYRENE-CO-ALLYL ALCOHOL)
293	POLY(OCTADECYL METHACRYLATE), SECONDARY STANDARD, SOLUTION IN TOLUENE	332	POLY(STYRENE-CO-BUTADIENE), 45 WT. % STYRENE
294	POLY(OCTADECYL METHACRYLATE), SOLUTION IN TOLUENE, AVERAGE MW CA. 170	331	POLY(STYRENE-CO-BUTADIENE), STYRENE CONTENT 23%
295	POLY(OCTADECYL VINYL ETHER-CO-MALEIC ANHYDRIDE)	334	POLY(STYRENE-CO-ISOPRENE), ABA BLOCK COPOLYMER
296	POLY(OCTYL ACRYLATE), SOLUTION IN TOLUENE	335	POLY(STYRENE-CO-MALEIC ACID), PARTIAL 2-BUTOXYETHYL ESTER
357	POLY(P-TOLUENESULFONAMIDE-CO-FORMALDEHYDE)	337	POLY(STYRENE-CO-MALEIC ACID), PARTIAL CYCLOHEXYL/ISOPROPYL ESTER
302	POLY(POLYTETRAHYDROFURAN CARBONATE) DIOL, AVERAGE MN CA. 2,000	338	POLY(STYRENE-CO-MALEIC ACID), PARTIAL ISOBUTYL/METHYL MIXED ESTER, A
311	POLY(PROPYLENE GLYCOL) MONOBUTYL ETHER, AVERAGE M.N. CA. 2,500	339	POLY(STYRENE-CO-MALEIC ACID), PARTIAL ISOBUTYL/METHYL MIXED ESTER, A
307	POLY(PROPYLENE GLYCOL), AVERAGE MN CA. 1,000	340	POLY(STYRENE-CO-MALEIC ACID), PARTIAL ISOCTYL ESTER
308	POLY(PROPYLENE GLYCOL), AVERAGE MN CA. 2,000	341	POLY(STYRENE-CO-MALEIC ACID), PARTIAL PROPYL ESTER
309	POLY(PROPYLENE GLYCOL), AVERAGE MN CA. 2,700	336	POLY(STYRENE-CO-MALEIC ACID), PARTIAL SEC-BUTYL/METHYL MIXED ESTER
310	POLY(PROPYLENE GLYCOL), AVERAGE MN CA. 3,500	343	POLY(STYRENE-CO-MALEIC ANHYDRIDE), 65 WT. % STYRENE, AVERAGE M.N. 160
305	POLY(PROPYLENE GLYCOL), AVERAGE MN CA. 425		

Aldrich Polymers

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
344	POLY(STYRENE-CO-MALEIC ANHYDRIDE), 67 WT. % STYRENE, AVERAGE M.N. 170	368	POLY(VINYL ALCOHOL), 99+% HYDROLYZED AVERAGE MW 89,000-98,000
345	POLY(STYRENE-CO-MALEIC ANHYDRIDE), 75 WT. % STYRENE, AVERAGE M.N. 190	378	POLY(VINYL ALCOHOL-CO-ETHYLENE), ETHYLENE CONTENT 27 MOLE %
351	POLY(STYRENESULFONIC ACID-CO-MALEIC ACID), SODIUM SALT, 3 TO 1 STYREN	379	POLY(VINYL ALCOHOL-CO-ETHYLENE), ETHYLENE CONTENT 32 MOLE %
121	POLY(TERT-BUTYL METHACRYLATE)	380	POLY(VINYL ALCOHOL-CO-ETHYLENE), ETHYLENE CONTENT 38 MOLE %
358	POLY(TRIMELLITIC ANHYDRIDE CHLORIDE-CO- 4,4'-METHYLENEDIANILINE)	381	POLY(VINYL ALCOHOL-CO-ETHYLENE), ETHYLENE CONTENT 44 MOLE %
360	POLY(UREA-CO-FORMALDEHYDE), METHYLATED	384	POLY(VINYL BUTYRAL-CO-VINYL ALCOHOL-CO- VINYL ACETATE), 80 WT. % VINYL
363	POLY(VINYL ACETATE), AVERAGE MW CA. 113,000	388	POLY(VINYL BUTYRAL-CO-VINYL ALCOHOL-CO- VINYL ACETATE), AVERAGE M.W.
364	POLY(VINYL ACETATE), AVERAGE MW CA. 167,000	387	POLY(VINYL BUTYRAL-CO-VINYL ALCOHOL-CO- VINYL ACETATE), AVERAGE MW 17
362	POLY(VINYL ACETATE), AVERAGE MW CA. 83,000	385	POLY(VINYL BUTYRAL-CO-VINYL ALCOHOL-CO- VINYL ACETATE), AVERAGE MW 70
361	POLY(VINYL ACETATE), SECONDARY STANDARD	386	POLY(VINYL BUTYRAL-CO-VINYL ALCOHOL-CO- VINYL ACETATE), AVERAGE MW 90
365	POLY(VINYL ACETATE-CO-BUTYL MALEATE-CO- ISOBORNYL ACRYLATE), 50 WT% S	389	POLY(VINYL BUTYRATE)
366	POLY(VINYL ALCOHOL), 100% HYDROLYZED, AVERAGE M.W. 14,000	393	POLY(VINYL CHLORIDE)
367	POLY(VINYL ALCOHOL), 100% HYDROLYZED, AVERAGE M.W. 77,000-79,000	398	POLY(VINYL CHLORIDE), CARBOXYLATED
376	POLY(VINYL ALCOHOL), 75% HYDROLYZED, AVERAGE M.W. 2,000	394	POLY(VINYL CHLORIDE), INHERENT VISCOSITY 0.68
377	POLY(VINYL ALCOHOL), 75% HYDROLYZED, AVERAGE M.W. 3,000	395	POLY(VINYL CHLORIDE), INHERENT VISCOSITY 0.92
375	POLY(VINYL ALCOHOL), 88% HYDROLYZED, AVERAGE M.W. 106,000-110,000	396	POLY(VINYL CHLORIDE), INHERENT VISCOSITY 1.02
374	POLY(VINYL ALCOHOL), 88% HYDROLYZED, AVERAGE M.W. 77,000-79,000	397	POLY(VINYL CHLORIDE), INHERENT VISCOSITY 1.40
373	POLY(VINYL ALCOHOL), 88% HYDROLYZED, AVERAGE M.W. CA. 25,000	392	POLY(VINYL CHLORIDE), SECONDARY STANDARD
372	POLY(VINYL ALCOHOL), 96% HYDROLYZED, AVERAGE M.W. 77,000-79,000	401	POLY(VINYL CHLORIDE-CO-VINYL ACETATE) 17 WT. % VINYL ACETATE
371	POLY(VINYL ALCOHOL), 98% HYDROLYZED, AVERAGE M.W. 106,000-110,000	399	POLY(VINYL CHLORIDE-CO-VINYL ACETATE), 10 WT. % VINYL ACETATE
369	POLY(VINYL ALCOHOL), 98% HYDROLYZED, AVERAGE M.W. 11,000-31,000	400	POLY(VINYL CHLORIDE-CO-VINYL ACETATE), 13 WT. % VINYL ACETATE
370	POLY(VINYL ALCOHOL), 98% HYDROLYZED, AVERAGE MW 13,000-23,000	402	POLY(VINYL CHLORIDE-CO-VINYL ACETATE-CO- MALEIC ACID), 83 WT. % VINYL
		404	POLY(VINYL CHLORIDE-CO-VINYL ACETATE-CO-VINYL ALCOHOL), VINYL CHLORID

ThermoFisher
SCIENTIFIC

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.

Aldrich Polymers

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
405	POLY(VINYL CINNAMATE), AVERAGE MW CA. 200,000	107	POLYBUTADIENE, PHENYL TERMINATED, AVERAGE MN CA. 1,300
406	POLY(VINYL FORMAL)	108	POLYBUTADIENE, PHENYL TERMINATED, AVERAGE MN CA. 1,500
280	POLY(VINYL METHYL ETHER), 50 WT. % SOLUTION IN TOLUENE	109	POLYBUTADIENE, PHENYL TERMINATED, AVERAGE MN CA. 1,800
410	POLY(VINYL METHYL KETONE), AVERAGE MW CA. 500,000	110	POLYBUTADIENE, PHENYL TERMINATED, AVERAGE MN CA. 3,400
412	POLY(VINYL NEODECANOATE)	127	POLYCAPROLACTONE DIOL, AVERAGE MN CA. 1250
435	POLY(VINYL STEARATE), AVERAGE MW CA. 90,000	128	POLYCAPROLACTONE DIOL, AVERAGE MN CA. 2,000
434	POLY(VINYL STEARATE), SECONDARY STANDARD	126	POLYCAPROLACTONE DIOL, AVERAGE MN CA. 530
436	POLY(VINYL SULFATE, POTASSIUM SALT), AVERAGE MW CA. 170,000	129	POLYCAPROLACTONE TRIOL, AVERAGE MN CA. 900
382	POLY(VINYLBENZYL CHLORIDE), 60/40 MIXTURE OF 3- AND 4- ISOMERS	125	POLYCAPROLACTONE, AVERAGE MN CA. 42,500
407	POLY(VINYLDIENE CHLORIDE- CO-ACRYLONITRILE), LOW MOLECULAR WEIGHT	130	POLYCARBONATE RESIN, ULTRA HIGH MOLECULAR WEIGHT
408	POLY(VINYLDIENE CHLORIDE- CO-VINYL CHLORIDE)	136	POLYCHLOROPRENE, AVERAGE MW CA. 200,000, MOONEY VISCOSITY 40
409	POLY(VINYLDIENE FLUORIDE), AVERAGE MW CA. 534,000	170	POLYEPICHLOROHYDRIN, AVERAGE MW CA. 700,000
414	POLY(VINYLPROPIONATE), SOLUTION IN TOLUENE, AVERAGE MW CA. 34,000	171	POLYESTER-BLOCK-POLYETHER ALPHA, OMEGA- DIOL
233	POLY4,4'- (HEXAFLUOROISOPROPYLIDENE) DIPHTHALIC ANHYDRIDE-CO-4,4'- OXYDI	178	POLYETHYLENE, CHLORINATED, 25% CHLORINE
60	POLYACENAPHTHYLENE	179	POLYETHYLENE, CHLORINATED, 40% CHLORINE
61	POLYACRYLAMIDE, AVERAGE MW CA. 10,000, 50 WT. % SOLUTION IN WATER	180	POLYETHYLENE, CHLOROSULFONATED
73	POLYACRYLONITRILE	176	POLYETHYLENE, HIGH DENSITY, AVERAGE MW CA. 125,000
86	POLYBENZIMIDAZOLE	174	POLYETHYLENE, LOW DENSITY
98	POLYBUTADIENE, CIS AND TRANS, AVERAGE MW CA. 420,000	175	POLYETHYLENE, MEDIUM DENSITY
97	POLYBUTADIENE, CIS, AVERAGE MW 2,000,000- 3,000,000	212	POLYETHYLENE, OXIDIZED, HIGH MOLECULAR WEIGHT
100	POLYBUTADIENE, DICARBOXY TERMINATED, AVERAGE MN 4,200	211	POLYETHYLENE, OXIDIZED, LOW MOLECULAR WEIGHT
102	POLYBUTADIENE, EPOXY/HYDROXY FUNCTIONALIZED, AVE MN CA 1,300, AVE MW	223	POLYETHYLENIMINE, EPICHLOROHYDRIN MODIFIED, 17 WT. % SOLUTION IN WATE
103	POLYBUTADIENE, HYDROXYL FUNCTIONALIZED, AVE. MN CA. 1,200, AVE. MW CA	222	POLYETHYLENIMINE, LOW MOLECULAR WEIGHT, WATER- FREE
105	POLYBUTADIENE, HYDROXYL FUNCTIONALIZED, AVE. MW CA. 6,200, AVE MN CA.	231	POLYGLYCINE
104	POLYBUTADIENE, HYDROXYL FUNCTIONALIZED, AVERAGE MN CA. 2,800	247	POLYISOBUTYLENE, AVERAGE MV CA. 1,200,000
106	POLYBUTADIENE, PHENYL TERMINATED, AVERAGE MN CA. 1,000	248	POLYISOBUTYLENE, AVERAGE MV CA. 2,700,000
		249	POLYISOBUTYLENE, AVERAGE MV CA. 4,700,000

ThermoFisher
SCIENTIFIC

(c) 2007 Thermo Fisher Scientific Inc. All rights reserved.



Aldrich Polymers

<u>Index</u>	<u>Compound Name</u>	<u>Index</u>	<u>Compound Name</u>
246	POLYISOBUTYLENE, AVERAGE MV CA. 420,000	348	POLYSTYRENE-BLOCK- POLYBUTADIENE-BLOCK- POLYSTYRENE, 30 WT. % STYRENE,
254	POLYISOPRENE, CIS		
255	POLYISOPRENE, TRANS		
304	POLYPROPYLENE, CHLORINATED, AVERAGE MW CA. 230,000	353	POLYSULFONE, AVERAGE MN CA. 22,000
303	POLYPROPYLENE, ISOTACTIC, AVERAGE MW CA. 250,000	352	POLYSULFONE, SECONDARY STANDARD
327	POLYSTYRENE STANDARD, TYPICAL MW 2,000,000	354	POLYTETRAFLUOROETHYLENE
317	POLYSTYRENE STANDARD, TYPICAL MW 2,500	356	POLYTETRAHYDROFURAN, LINEAR-CHAIN POLYMER WITH OXIRANE
320	POLYSTYRENE STANDARD, TYPICAL MW 20,000	355	POLYTETRAHYDROFURAN, LINEAR-CHAIN POLYMER, AVERAGE MN CA. 250
324	POLYSTYRENE STANDARD, TYPICAL MW 200,000	424	POLYVINYLPIRROLIDONE, AVERAGE MW CA. 10,000
321	POLYSTYRENE STANDARD, TYPICAL MW 35,000	425	POLYVINYLPIRROLIDONE, AVERAGE MW CA. 29,000
318	POLYSTYRENE STANDARD, TYPICAL MW 4,000	427	POLYVINYLPIRROLIDONE, AVERAGE MW CA. 360,000
325	POLYSTYRENE STANDARD, TYPICAL MW 400,000	426	POLYVINYLPIRROLIDONE, AVERAGE MW CA. 55,000
322	POLYSTYRENE STANDARD, TYPICAL MW 50,000	423	POLYVINYLPIRROLIDONE, CROSS-LINKED
316	POLYSTYRENE STANDARD, TYPICAL MW 800	431	POLYVINYLPIRROLIDONE- IODINE COMPLEX
323	POLYSTYRENE STANDARD, TYPICAL MW 90,000	437	POLYVINYL TOLUENE, MIXED ISOMERS, AVERAGE MW CA. 80,000
326	POLYSTYRENE STANDARD, TYPICAL MW 900,000	438	RUBBER, CHLORINATED
333	POLYSTYRENE, DICARBOXY TERMINATED, AVERAGE MW CA. 100,000	439	SARAN RESIN, F120
346	POLYSTYRENE, MONOCARBOXY TERMINATED, AVERAGE MW CA. 200,000	440	SARAN RESIN, F220
349	POLYSTYRENE-BLOCK- POLY(ETHYLENE-RAN- BUTYLENE)-BLOCK- POLYSTYRENE, 28 W	442	TERATHANE 1000 POLYETHER GLYCOL
350	POLYSTYRENE-BLOCK- POLY(ETHYLENE-RAN- BUTYLENE)-BLOCK- POLYSTYRENE, 29 W	443	TERATHANE 2000 POLYETHER GLYCOL
347	POLYSTYRENE-BLOCK- POLYBUTADIENE-BLOCK- POLYSTYRENE, 28 WT. % STYRENE	444	TERATHANE 2900 POLYETHER GLYCOL
		441	TERATHANE 650 POLYETHER GLYCOL
		445	TYLOXAPOL
		446	VESTOPAL 110, 66 WT. % SOLUTION IN STYRENE
		403	VINYL CHLORIDE/VINYL ACETATE/VINYL ALCOHOL TERPOLYMER VINYL CHLORIDE CO